

RICK D. NYDEGGER  
BRENT P. LORIMER  
THOMAS R. VUKSNICK  
LARRY R. LAYCOCK  
JONATHAN W. RICHARDS  
DAVID R. WRIGHT  
JOHN C. STRINGHAM  
JOHN M. GUYNN  
CHARLES L. ROBERTS  
DANA L. TANGREN  
ERIC L. MASCHOFF  
CHARLES J. NEVERKA  
ROBYN L. PHILLIPS  
RICHARD C. GILMORE \*  
STERLING A. BRENNAN  
R. BURNS ISRAELSEN  
DAVID R. TODD  
DAVID B. DELLENBACH  
L. DAVID GRIFFIN  
ADRIAN J. LEE  
FRASER D. ROY  
CARL T. REED



R. PARRISH FREEMAN, JR.  
PETER F. MALEN, JR.  
L. REX SEARS, PH.D.  
WILLIAM R. RICHTER  
ROBERT E. AYCOCK  
JENS C. JENKINS  
MICHAEL B. DODD  
KEVIN W. STINGER  
WILLIAM J. ATHAY  
RYAN D. BENSON  
SARA D. JONES  
TIGE KELLER  
JANNA L. JENSEN  
MATTHEW D. TODD  
J. LAVAR OLDHAM  
MICHAEL J. FRODSHAM  
BRETT A. HANSEN  
BRETT I. JOHNSON  
MATTHEW A. BARLOW  
WESLEY C. ROSANDER  
ANDREW S. HANSEN  
CHAD E. NYDEGGER  
JOSEPH G. PIA  
CLINTON E. DUKE  
RYAN N. FARR \*  
JAMES B. BELSHE  
KIRK R. HARRIS  
KEELY SCHNEITER  
MICHAEL M. BALLARD  
DAVID A. JONES  
SHANE K. JENSEN  
JONATHAN M. BENNS, PH.D.

VERNON R. RICE §  
OF COUNSEL

# WORKMAN | NYDEGGER

INTELLECTUAL PROPERTY ATTORNEYS



*CJL*  
1000 EAGLE GATE TOWER  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UTAH 84111  
TELEPHONE: (801) 533-9800  
FAX: (801) 328-1707  
WEBSITE: [HTTP://WWW.WNLAW.COM](http://www.wnlaw.com)

*HR AJ*  
PATENT

Docket No. 15689.51

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Sadayuki Abeta et al.

Serial No.: 09/446,560

Filed: April 22, 1999

For: CDMA RECEIVER AND CDMA  
TRANSMITTER/RECEIVER

Examiner: Curtis Odom

Patent No.: 6,904,078 B1

Issue Date: June 7, 2005

*Certificate*  
APR 04 2006  
of Correction

### REQUEST FOR A SUPERSEDING CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.322 which implements 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a replacement Certificate of Correction to supersede the originally issued Certificate of Correction in the above-identified patent. The replacement certificate is requested to correct mistakes inadvertently made by the Patent and Trademark Office in the printing of the original Certificate of Correction.

*APR 13 2006*

Commissioner for Patents  
March 22, 2006  
Page 2

Specifically, applicant originally requested at col. 3, line 42, that “ $\alpha_1$ ” be changed to “ $\alpha_{-1}$ ”. In the original certificate the Patent Office printed “ $\alpha_1$ ” rather than the requested “ $\alpha_{-1}$ ”. The enclosed Patent Office Form 1050 reflects the desired corrections. In addition, a copy of the original Certificate of Correction showing the desired changes at col. 3, line 42 is enclosed. In view of the fact that the printing errors were made by no fault of the applicant, no fee is required.

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 28<sup>th</sup> day of March 2006.

Respectfully submitted,



Adrian J. Lee  
Attorney for Patentee  
Registration No. 42,785  
Customer No. 022913

AJL:jjb  
Docket: 15689.51  
PR0000001442V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 29<sup>th</sup> day of March 2006.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.322  
and PTO Form 1050

APR 13 2006

UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION

PATENT NO. : 6,904,078 B1  
DATED : June 7, 2005  
INVENTOR(S) : Sadayuki Abeta et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [56], References Cited, OTHER PUBLICATIONS, add the following:  
-- Japanese Official Notice of Rejection Patent Application No.: 11-541351 --.

Column 3,

Line 4, change "IDS/CDMA" to -- DS/CDMA --.  
Line 42, change " $\alpha_1$ " to --  $\alpha_1$  --. *Change to "a<sub>-1</sub>"*

Column 7,

Line 57, after "accordance" remove ":".

Column 10,

Line 9, change "estimated" to -- (estimated --.

Line 13, change "  $\bar{\xi}$  " to --  $\hat{\xi}$  --.

Column 19,

Lines 14 and 19, change "(Para\_)" to -- Para\_C --.

Line 16, change "(TM\_)" to -- (TM\_C) --.

Line 21, change "method" to -- method). --.

Column 21,

Line 34, change "symbols." to -- symbols --.

Signed and Sealed this

Twenty-eighth Day of February, 2006



JON W. DUDAS  
Director of the United States Patent and Trademark Office

APR 13 2006

# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO. : 6,904,078 B1

DATED : June 7, 2005

INVENTOR(S) : Sadayuki Abeta, et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

### Cover Page

Item [56] References Cited, OTHER PUBLICATIONS, add the following entry --Japanese Official Notice of Rejection Patent Application No.: 11-541351--

### Column 3

Line 4, change "IDS/CDMA" to --DS/CDMA--

Line 42, change " $\alpha_1$ " to -- $\alpha_1$ --

### Column 7

Line 57, after "accordance" remove [.]

### Column 10

Line 9, change "estimated" to --(estimated--

Line 13, change " $\hat{\xi}$ " to -- $\hat{\xi}$ --

### Column 19

Line 14, change "(Para\_)" to --(Para\_C)--

Line 16, change "(TM\_)" to --(TM\_C)--

Line 19, change "(Para\_)" to --(Para\_C)--

Line 21, change "method" to --method)--

### Column 21

Line 34, change "symbols." to --symbols--

MAILING ADDRESS OF SENDER (Please do not use customer number)

PATENT NO. 6,904,078 B1

Adrian J. Lee  
WORKMAN NYDEGGER  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

No. of additional copies

→ 0